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PTO/SB/21 (07-06)
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TRANSMITTAL FORM    Filing Date   October 24, 2005	3		Application Number	10/55	4,252		
Art Unit Not Yet Assigned  Examiner Name Not Yet Assigned  Examiner Name Not Yet Assigned  Not Yet Assigned  Not Yet Assigned  Examiner Name Not Yet Assigned  Attorney Docket Number YU/110    Fee Transmittal Form	TRANSMITTAL		Filing Date	Octob	October 24, 2005		
Examiner Name   Not Yet Assigned	FORM		First Named Inventor	Williar	n C. Sessa et al.		
Total Number of Pages in This Submission    Sence   Section and correspondence and main animal marget   Total Number of Pages in This Submission   Attorney Docket Number   YU/110    Fee Transmittal Form			Art Unit	Not Y	et Assigned		
Fee Transmittal Form	(to be used for all correspondence after initial fi	ling)	Examiner Name	Not Y	et Assigned		
Fee Transmittal Form    Fee Attached   Licensing-related Papers   Appeal Communication to TC     Fee Attached   Licensing-related Papers   Appeal Communication to Board of Appeals and Interferences   Appeal Communication to TC     Amendment/Reply   Petition   Petition to Convert to a Provisional Application   Proprietary Information to TC     After Final   Power of Attorney, Revocation Change of Correspondence Address   Terminal Disclaimer   Other Enclosure(s) (please Identify below):   Extension of Time Request   Request for Refund   CD, Number of CD(s)   FTO/SB/08A and PTO/SB/08B     Cortified Copy of Priority Document(s)   Reply to Missing Parts   Incomplete Application   Reply to Missing Parts   Uncomplete Application   Uncomplete A	Total Number of Pages in This Submission	7	Attomey Docket Number	YU/11	0		
Fee Attached		ENC	LOSURES (Check a	ili that app	/y)		
Amendment/Reply  After Final  Power of Attorney, Revocation  Change of Correspondence Address  Terminal Disclaimer  Atter Final  Request for Refund  After Final Provisional Application  Change of Correspondence Address  Terminal Disclaimer  Other Enclosure(s) (please Identify below):  All Cited References with  PTO/SB/08A and PTO/SB/08B  Remarks  The Director is hereby authorized to charge payment of any fees required in connection with this Information Disclosure Statement to Deposit Account Not 06-1075, Order No. 003802-0013. A duplicate copy of this letter is transmitted herewith.  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name  Fish & Neave IP Group  Ropes and Gray LLP  Signature  Printed name  Jane T. Gunnison	Fee Transmittal Form		Drawing(s)		After Allowance Communication to TC		
Amendment/Reply  After Final  After Final  After Final  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority Document(s)  Reply to Missing Parts Incomplete Application  Reply to Missing Parts under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name  Fish & Neave IP Group Ropes and Gray LLP  Signature  Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer  Other Enclosure(s) (please Identify below): All Cited References with PTO/SB/08A and PTO/SB/08B  Certified Copy of Priority Document(s)  Remarks  The Director is hereby authorized to charge payment of any fees required in connection with this Information Disclosure Statement to Deposit Account Notice 10-1075, Order No. 003802-0013. A duplicate copy of this letter is transmitted herewith.  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name  Fish & Neave IP Group Ropes and Gray LLP  Signature  Printed name  Jane T. Gunnison	Fee Attached		Licensing-related Papers		_ <del></del> ''		
After Final Provisional Application Change of Correspondence Address Terminal Disclaimer  Atter Final After Final Provisional Application Change of Correspondence Address Terminal Disclaimer  Atter Final Provisional Application Change of Correspondence Address Terminal Disclaimer  Atter Cother Enclosure(s) (please Identify below): All Cited References with PTO/SB/08A and PTO/SB/08B  Remarks The Director is hereby authorized to charge payment of any fees required in connection with this Information Disclosure Statement to Deposit Account Not 06-1075, Order No. 003802-0013. A duplicate copy of this letter is transmitted herewith.  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name Fish & Neave IP Group Ropes and Gray LLP  Signature  Printed name Jane T. Gunnison	Amendment/Reply				Appeal Communication to TC		
Affidavits/declaration(s)  Affidavits/declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Cop, Number of CD(s)  Landscape Table on CD  Remarks  The Director is hereby authorized to charge payment of any fees required in connection with this Information Disclosure Statement to Deposit Account Not 06-1075, Order No. 003802-0013. A duplicate copy of this letter is transmitted herewith.  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name  Fish & Neave IP Group Ropes and Gray LLP  Signature  Printed name  Jane T. Gunnison	After Final						
Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Condition Copy of Priority Document(s)  Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53  Reply to Missing Parts SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name Fish & Neave IP Group Ropes and Gray LLP  Signature  Cother Enclosure(s) (please Identify below):  All Cited References with PTO/SB/08A and PTO/SB/08B  Cother Enclosure(s) (please Identify below):  All Cited References with PTO/SB/08A and PTO/SB/08B  The Director is hereby authorized to charge payment of any fees required in connection with this Information Disclosure Statement to Deposit Account Note transmitted herewith.  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name Fish & Neave IP Group Ropes and Gray LLP  Signature  Jane T. Gunnison	Affidavits/declaration(s)		•				
Express Abandonment Request Information Disclosure Statement    CD, Number of CD(s)	I 🗔 — — — — — — — — — — — — — — — — — —				Other Enclosure(s) (please Identify below):  All Cited References with		
Landscape Table on CD							
Certified Copy of Priority Document(s)  Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name Fish & Neave IP Group Ropes and Gray LLP  Signature  Printed name Jane T. Gunnison  Remarks The Director is hereby authorized to charge payment of any fees required in connection with this Information Disclosure Statement to Deposit Account Not 06-1075, Order No. 003802-0013. A duplicate copy of this letter is transmitted herewith.	Information Disclosure Statement	'			PTO/SB/08A and PTO/SB/08B		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name Fish & Neave IP Group Ropes and Gray LLP  Signature Jane T. Gunnison	, <del>_</del>						
Firm Name Fish & Neave IP Group Ropes and Gray LLP  Signature  Printed name  Jane T. Gunnison			transmitted herewith.				
Firm Name Fish & Neave IP Group Ropes and Gray LLP  Signature  Printed name  Jane T. Gunnison	SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT						
Signature Jane T. Gunnison Jane T. Gunnison	FIRM Name						
The second of th	Signature AULT. Q	Signature AULT. A WWW SW					
Date August 20, 2006 Peg No. 29, 470	Printed name Jane T. Gunnison	Printed name Jane T. Gunnison					
Date August 50, 2000 Reg. No.   30,479	Date August 30, 2006 Reg. No. 38,479			38,479			

#### CERTIFICATE OF EXPRESS MAILING – Express Mail No. EV669638814US

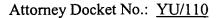
I hereby certify that this correspondence is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" under 37 C.F.R. 1.10 on the date indicated above and is addressed to: the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.





## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : William C. Sessa et al.

Application No. : 10/554,252

Confirmation No. : Not Yet Assigned

Filed: October 24, 2005

For : A NOVEL REGULATOR OF ENDOTHELIAL CELL

FUNCTION AND VESSEL REMODELING

Group Art Unit : Not Yet Assigned

Examiner : Not Yet Assigned

New York, New York August 30, 2006

Mail Stop: Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicants make the following references of record in the above-identified patent application (copies of said references are enclosed):<sup>1</sup>

Applicants submit herewith Forms PTO/SB-08A and 08B, with the references listed therein.

#### **U.S. PATENT DOCUMENTS**

<u>Applicant</u>	Patent No.	Issue Date
Adair et al.	5,877,293	March 2, 1999
Nakatani et al.	5,886,152	March 23, 1999
Carter et al.	6,054,297	April 25, 2000

#### **FOREIGN PATENT DOCUMENTS**

<u>Publication No.</u> <u>Publication Date</u>

WO 00/60083 October 12, 2000

#### OTHER DOCUMENTS

Acevedo et al., "A New Role For Nogo As A Regulator Of Vascular Remodeling" <u>Nature Medicine</u>, 10(4):382-388 (2004)

Anderson, "The Caveolae Membrane System" Annu. Rev. Biochem., 67:199-225 (1998)

Goldberg et al., "Nogo In Nerve Regeneration" Nature, 403(6768):369-370 (2000);

Li Qin et al., "Link Of A New Type of Apoptosis-Inducing Gene ASY/NOG-B To Human" Oncogene, 20(30):3929-3936 (2001)

Oertle et al., "Do Cancer Cells Die Because Of Nogo-B?" Oncogene, 22(9):1390-1399 (2003)

Oertle et al., "Genomic Structure And Functional Characterisation Of The Promoters Of Human And Mouse Nogo/rtn4" J. Mol. Biol., 325 (2):299-323 (2003)

Prinjha et al., "Inhibitor Of Neurite Outgrowth In Humans" <u>Nature</u>, 403(6768):383-384 (2000)

Ross, "The Pathogenesis of Atherosclerosis: A Perspective For The 1990s" Nature, 362:801-809 (1993)

Shaul and Anderson, "Role of Plasmalemmal Caveolae In Signal Transduction" <u>Am. J. Physiol.</u>, 275(5):L843-851 (1998)

Ward et al., "Arterial Remodeling Mechanisms And Clinical Implications" Circulation, 102:1186-1191 (2000)

Watari and Yutsudo, "Multi-Functional Gene ASY/Nogo/RTN-X/RTN4: Apoptosis, Tumor Suppression, And Inhibition Of Neuronal Regeneration" Apoptosis, 8:5-9 (2003).

It is respectfully requested that (1) the above-cited documents be fully

considered by the Examiner during the examination of this application; (2) the Examiner

initial the enclosed copy of Forms PTO/SB-08A and 08B in the appropriate places to

indicate that the references have been considered and return a copy of the initialed Form

to the undersigned and (3) the above-cited documents be printed on any patent issuing

from this application.

This Information Disclosure Statement is being filed before the mailing of

a first Office Action on the merits. In accordance with 37 C.F.R. § 1.97, submission of

this Statement requires no fee. However, if for any reason a fee is due, the Director of

the United States Patent and Trademark Office is hereby authorized to charge payment of

any fees required in connection with this Information Disclosure Statement to Deposit

Account No. 06-1075 (Order No. 003802-0013). A duplicate copy of this Statement is

transmitted herewith.

An early and favorable action is respectfully requested.

Respectfully submitted,

Jane T. Gunnison (Reg. No. 38,479)

Attorney for Applicants

Fish & Neave IP Group

**ROPES & GRAY LLP** 

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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 10/554,252

Filing Date October 24, 2005

First Named Inventor William C. Sessa et al.

Art Unit Not Yet Assigned

Examiner Name Not Yet Assigned

Attorney Docket Number YU/110

(Use as many sheets as necessary)

Sheet 1 of 2 Attorney Docket Number

	U. S. PATENT DOCUMENTS						
Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where		
Initials*	No.	Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
		us- 5,877,293	3/2/99				
		us- 5,886,152	3/23/99	-			
		us-6,054,297	4/25/00				
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		WO 00/60083	10/12/00			

Examiner Signature		Dat Cor	de nsidered
<u> </u>			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

	Complete if Known	
Application Number	10/554,252	
Filing Date	October 24, 2005	
First Named Inventor	William C. Sessa et al.	
Art Unit	Not Yet Assigned	
Examiner Name	Not yet Assigned	-
Attorney Docket Number	YU/110	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	:	Acevedo et al., "A New Role For Nogo As A Regulator Of Vascular Remodeling" Nature Medicine, 10(4):382-388 (2004)	
		Anderson, "The Caveolae Membrane System" Annu. Rev. Biochem., 67:199-225 (1998)	
		Goldberg et al., "Nogo In Nerve Regeneration" Nature, 403(6768):369-370 (2000);	
		Li Qin et al., "Link Of A New Type of Apoptosis-Inducing Gene ASY/NOG-B To Human" Oncogene, 20(30):3929-3936 (2001)	
		Oertle et al., "Do Cancer Cells Die Because Of Nogo-B?" Oncogene, 22(9):1390-1399 (2003)	
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		Prinjha et al., "Inhibitor Of Neurite Outgrowth In Humans" Nature, 403(6768):383-384 (2000)	
		Ross, "The Pathogenesis of Atherosclerosis: A Perspective For The 1990s" Nature, 362:801-809 (1993);	
		Shaul and Anderson, "Role of Plasmalemmal Caveolae In Signal Transduction" Am. J. Physiol., 275(5):L843-851 (1998)	
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Examiner	Date	
Signature	Considered	

<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.